

22mm Red Push Button Switch with Spring Return and Rubber Cap

This 22mm push button switch is equipped with a red spring return mechanism and a rubber cap. It is designed for controlling circuits in various applications.



Product Overview

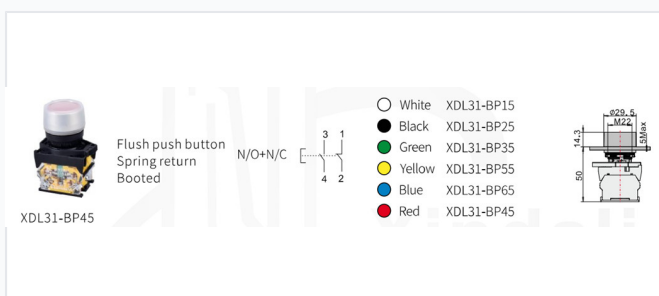


High-Performance Industrial Push Button

This 22mm red push button switch is engineered for demanding industrial control environments, featuring a robust spring-return mechanism and a protective rubber cap. Built with high-grade zinc alloy and anti-flame plastics, it ensures reliable electrical contact via specialized silver alloy materials. It is designed for seamless integration into control panels, supporting AC circuits up to 660V and providing long-term operational durability.

Technical Specifications

Character	
Environment	
Reached standard	IEC60947-5-1; GB/T14048.1; GB14048.5
Surrounding temperature	Operation: -5°C→+55°C; Storage: -25°C→+70°C
Anti-vibration property	Mushroom head button: 10g, other buttons and indication lamp: 15g(40Hz<Frequency<200Hz)
Anti-impact	Button: 70g; Mushroom head button: 15g; Selector switch: 200g
Protection grade	IP65: Flush head and extended head, with or without indication lamp button (installation) IP65: Button with cover
Mechanical	Button: 3 million times operation, "Emergency stop button": 300 thousand times operation
Contact character	
Rated operating character	AC-15: A600 or Ue=240V & Ie=3A DC-13: O600 or Ue=250V & Ie=3A
Rated insulation voltage	Ui=600V, pollution grade is 3
Rated withstanding impulse voltage	Uimp=6kV
Contact operation	Slow breaking (NC or NO)
Reliable operation	Safe mounting (Mushroom head shape: "Emergency stop" button: Breaking of NC contact is reliable)
Operating pressure	Flush button and convex button: with 1 DAN and 1 NC contact: 0.8 DAN Auxiliary contact: with 0.5 DAN and NC: +0.3 DAN
Short-circuit protection	10A fuse type complies with IEC269-1, GB14048.3



Fastening Torque

0.8 Nm

Nominal

1.2 Nm

Maximum

Mounting Diameter	22 mm
Rated Insulation Voltage (Ui)	600 V
Rated Withstanding Impulse Voltage (Uimp)	6 kV
Pollution Grade	3

Environmental Ratings

Protection Grade

IP65 • IP66 • IP67 • IP68

Operating Temperature

-5°C to +55°C

Relative Humidity

35% - 85% RH

Durability

Mechanical Life

Type	Cycles
Standard Button	3,000,000
Emergency Button	300,000

Certifications

Standards

IEC60947-5-1, GB/T14048.1, GB14048.5, CE, ISO9001, ROHS, UL